

On motion, Henry Phillips, Jr., Esq., was renominated for Librarian, and the nominations were closed.

Prof. Cope presented for the Transactions a paper "On the Intercentrum of the Terrestrial Vertebrata," which was referred to Dr. H. Allen, Dr. H. Jayne, and Dr. Geo. H. Horn.

Prof. Allen made a communication on the result of experiments on electric light used in photographing animals in motion.

Prof. Cope presented for the Proceedings a paper by Dr. Alfredo Dugês of Guanajuato, *Sur le Rhinocœurus Antonii*.

Pending nominations Nos. 1064-1075 and new nominations Nos. 1076-1080 were read.

Report of the Publication Committee presented November 6th, 1885, was taken up and considered, and the recommendations therein contained were unanimously adopted, as follows:

1. That the Quarterly numbers of the Proceedings shall be confined as nearly as possible to 125 pp. each.
2. That papers containing more matter than will fill about 24 pp. of the Proceedings shall be considered as offered for the Transactions.
3. That all papers requiring engravings or plates of full page size shall be considered as offered for the Transactions.

The committee appointed at last meeting on the paper on *Yucca angustifolia*, reported progress and was continued.

After the reading of the rough minutes the meeting was adjourned by the President.

Stated Meeting, January 15, 1886.

Present, 25 members.

President FRALEY, in the Chair.

Letters of envoy were received from the Societas pro Fauna et Flora Fennica, Helsingfors; Bataafsch Genootschap der Proefondervindelijke Wijsbegeerte, Rotterdam; Royal Society of Victoria; Société de Naturalistes de la Nouvelle Russie, Odessa,

and asking for exchanges (on motion, ordered to be placed on the list to receive Proceedings from No. 96).

Acknowledgments were received from the Royal Society of Tasmania for Proceedings Nos. 114, 115, 116; Proc. 120, South Kensington Museum, London; University Library, Cambridge; Radcliff Observatory, Oxford, also for five duplicate volumes of its publications returned to the Observatory; Trübner & Co., London.

Acknowledgments for Proceedings No. 121, were received from the Portland Society of Natural History; New Hampshire Historical Society; Essex Institute; American Antiquarian Society, Worcester, Mass.; Rhode Island Society for the Encouragement of Domestic Industry; Connecticut Historical Society; New York Hospital; Library of the U. S. Military Academy; Vassar Brothers' Institute; New Jersey Historical Society; Numismatic and Antiquarian Society of Philadelphia; Engineers' Club of Philadelphia; Historical Society of Pennsylvania in Philadelphia; Wyoming Historical and Geological Society; Virginia Historical Society; University of Virginia; Leander McCormick Observatory; Georgia Historical Society; Cincinnati Observatory; Chicago Historical Society; Rantoul Literary Society; State Historical Society of Wisconsin; Chief Signal Officer, Washington, D. C.; California Academy of Sciences; University of California; Davidson Observatory, San Francisco, Cal.

The Davenport Academy of Natural Sciences acknowledged the receipt of Proceedings No. 121, also preceding numbers, commencing with No. 81.

Acknowledgments for Proceedings No. 121 were received from Prof. Charles Henry Hitchcock, Hanover, N. H.; Hon. R. C. Winthrop, Boston, Mass.; Prof. Walcott Gibbs, Cambridge, Mass.; Mr. James B. Francis, Lowell, Mass.; Mr. Benj. Smith Lyman and Dr. Pliny Earle, Northampton, Mass.; Drs. J. J. Stevenson and Austin Flint, Jr., Prof. Henry M. Baird and Mr. J. Ericsson, New York; Prof. James Hall, Albany; Prof. T. F. Crane, Ithaca; Dr. C. F. H. Peters, Clinton, N. Y.; Rev. Joseph F. Garrison and Mr. William J. Potts, Camden; Dr. G. D.

Boardman, Prof. J. P. Lesley, and Messrs. Henry Phillips, Jr., James C. Booth, Isaac Norris, Jr., H. Clay Trumbull, and Russell Thayer, Philadelphia; Dr. Henry Hartshorne and Mr. Thomas Meehan, Germantown; Hon. Washington Townsend, West Chester; Andrew S. McCreath, Harrisburg; Prof. J. W. Moore, Easton; Prof. Leo Lesquereux, Columbus; Professors Henry Turner Eddy and James Morgan Hart, Cincinnati; Prof. Robert Peter, Lexington; Prof. Henry S. Frieze, Ann Arbor; Prof. Joseph L. LeConte, Berkeley, Cal.

Photographs for the Society's Album were received from Prof. J. Morgan Hart and Prof. H. Turner Eddy of Cincinnati, Ohio; Prof. James Hall of Albany, N. Y.; Prof. James C. Booth, Philadelphia.

Donations for the Library were received from the Royal Society of New South Wales; Mining Department, Melbourne; Royal Society of Victoria; Hong-Kong Observatory; Société des Naturalistes de la Nouvelle Russie, Odessa; Society of Naturalists, Riga; Society for the Finnish Fauna and Flora, Helsingfors; Prof. R. F. Reuleaux of Vienna; the *Astronomische Nachrichten*, Kiel; *Statistika Central* Byrån, Stockholm; *Bataafsch Genootschap van Proefondervendelijke Wijsbegeerte*, Rotterdam; *K. Bibliothek*, S'Gravenhage; *Bataviaasch Genootschap van Kunsten en Wetenschappen*, Batavia; *Musée Royale d'Histoire Naturelle de Belgique*; *R. Accademia dei Lincei*, Rome; *Muséum d'Histoire Naturelle*, *Société de Géographie* and *Société Américaine de France*, Paris; *Journal of the Society of Arts, Nature*, London; *Royal Irish Academy*, Dublin; Mr. W. Douw Lightfall and the *Natural History Society of Montreal*; *Boston Society of Natural History*; Prof. Eben Norton Horsford of Cambridge, Mass.; *American Journal of Science*, New Haven; *Essex Institute*, Salem, Mass.; *American Chemical Society* and *New York Academy of Sciences*; *Brooklyn Entomological Society*; Prof. E. North of Clinton, N. Y.; *New Jersey Historical Society*; *Library Company of Philadelphia*; *Franklin Institute*, *Pennsylvania Museum* and *School of Industrial Art*, the *American Naturalist* and Messrs. Henry Phillips, Jr., E. A. Barber, R. S. Culin and Wm. V.

McKean of Philadelphia; Prof. Ira Remsen of Baltimore; Naval Institute, Annapolis; Mr. J. H. Hickcox, the United States Naval Observatory and the Light-house Board, Washington; Mr. Jed. Hotchkiss of Staunton, Va.; and the Cincinnati Society of Natural History.

The Committee appointed to examine the paper of Prof. Cope on the Intercentrum of the Vertebrata, reported it worthy of publication in the Transactions. The report was accepted and the Committee discharged.

The Committee appointed to examine Miss Helen C. de S. Abbott's paper on *Yucca angustifolia*, reported in favor of its publication, and was discharged.

On motion, the Society ordered the publication of both of the above papers in its Transactions.

The death of Joshua B. Lippincott was announced as having taken place at Philadelphia on January 5, 1886, in the seventy-fourth year of his age, and, on motion, the President was authorized to appoint at his discretion a suitable person to prepare the usual obituary sketch.

The stated business of the meeting was then taken up and Henry Phillips, Jr., Esq., was re-elected Librarian for the ensuing year, and the following Standing Committees appointed:

Finance,

Henry Windsor, J. P. Wetherill, W. B. Rogers.

Publication,

D. G. Brinton, C. M. Cresson, George H. Horn,
Persifer Frazer, J. Blodgett Britton.

Hall,

J. Sergeant Price, Wm. A. Ingham, Philip H. Law.

Library,

Henry Phillips, Jr., E. J. Houston, Wm. V. McKean,
Thomas H. Dudley, John R. Baker.

Mr. Lesley read a paper "On the evident Beduwin origin of the *Shedi* deity in the Hebrew Scriptures, commonly translated

'the Almighty''; in which he discussed every text in which it occurs, and drew the conclusion that it bore a manifest relationship to the deity *Seti*, introduced into Egypt and into Palestine from Arabia.

After which, a discussion ensued participated in by Messrs. Weil, Law, Trumbull, and Garrison.

Mr. Lesley communicated a revision of the section of the LeRoy (Chemung) beds in Bradford county, originally read before the Society, Dec. 7, 1883, giving additions to the list of its fossils and extending it downwards nearly 350 feet, to include a horizon very rich in characteristic forms.

Mr. Ashburner made a verbal communication in reference to the late severe storm which began here on Friday, January 8th, and was general over the United States, showing the course of the barometer during its progress.

Dr. Persifor Frazer made a communication on the application of composite photography to handwriting for which, on motion, the Society ordered a plate to cost about \$25.

The Society ordered that a map to illustrate the paper on the Geology of York county should be printed at a cost of about \$40.

Dr. Harrison Allen exhibited a specimen of the *Chlamyphorus truncatus* from Mendoza in the Andes, which is now rapidly becoming extinct. He stated that it was described in the Transactions of the Society by Dr. Harland about the year 1825.

On account of the lateness of the hour, nominations for membership were not read, and, after reading the rough minutes, the Society was adjourned by the President.

Stated Meeting, February 5, 1886.

Present, 9 members.

Curator, Dr. HORN, in the Chair.

Donations were announced from the following: Sällskap. Fauna et Flora Fennica, Helsingfors; Astronomische Nachrichten, Kiel; Zoologischer Anzeiger, Leipzig; Verein für Erdkunde, Dresden; Senckenbergische Naturforschende Gesell-